

Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

Anti-L-Lactyl Lysine Rabbit mAb

RRID:AB_2942013

Type: Antibody

Proper Citation

(PTM BIO Cat# PTM-1401RM, RRID:AB_2942013)

Antibody Information

URL: http://antibodyregistry.org/AB_2942013

Proper Citation: (PTM BIO Cat# PTM-1401RM, RRID:AB_2942013)

Target Antigen: L-Lactyl Lysine

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, IHC-P, IP, ICC/IF, FC

Antibody Name: Anti-L-Lactyl Lysine Rabbit mAb

Description: This recombinant monoclonal targets L-Lactyl Lysine

Target Organism: species independent

Clone ID: 9H1L6

Antibody ID: AB_2942013

Vendor: PTM BIO

Catalog Number: PTM-1401RM

Record Creation Time: 20260311T190906+0000

Record Last Update: 20260828T175948+0000

Ratings and Alerts

No rating or validation information has been found for Anti-L-Lactyl Lysine Rabbit mAb.

No alerts have been found for Anti-L-Lactyl Lysine Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Chen S, et al. (2026) Targeting KIF20A blocks lactylation modification to suppress immune escape in hepatocellular carcinoma. *iScience*, 29(4), 115372.

Wang X, et al. (2026) Histone lactylation-driven intratumoral IGFBP2+ NK cells promote tumor immune evasion. *Cell reports*, 45(7), 117612.

Wang Y, et al. (2026) AARS1 promotes tumor progression and immune evasion via ATF6 lactylation-mediated tryptophan metabolism in hepatocellular carcinoma. *Cell metabolism*, 38(8), 1702.

Xu G, et al. (2026) Delactylation of the tumor suppressor ARHGDI1 drives metastasis and chemoresistance in bladder cancer. *Cell reports*, 45(2), 116941.

Ying X, et al. (2026) m5C-Modified tRF3b-CysGCA-23 Suppresses Bladder Cancer Malignancy by Repressing H3K18 Lactylation via Stabilizing RBM4. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(26), e22294.

Ma H, et al. (2026) AF9-KLF2 gene regulatory circuit links histone lactylation to metabolic reprogramming and breast cancer progression. *Cell reports*, 45(6), 117429.

Sun J, et al. (2026) mTOR-NAA10-C7orf50 axis senses nutritional status to coordinate ribosome biogenesis and autophagy. *Science advances*, 12(20), ead3835.

Wei T, et al. (2026) Metabolic-epigenetic regulation of TRPM3 via H3K18 lactylation in dorsal root ganglia mediates bone cancer pain and its attenuation by microwave ablation. *Cancer letters*, 649, 218505.

Liu W, et al. (2026) Aerobic glycolysis promotes NLRP3 inflammasome activation via NLRP3 lactylation. *Cell chemical biology*, 33(2), 213.

Lu L, et al. (2026) RNF126 mediates fetal growth restriction via ubiquitination-dependent degradation of the MYH9/MYH10 complex. *iScience*, 29(6), 116285.

Li Y, et al. (2026) Lactylation-driven nuclear RIG-I promoted by lactate transporter inhibitor suppresses DNA damage repair through inhibiting PARP1 activity. *Cell reports*, 45(1), 116854.

Chen R, et al. (2026) Multi-omics and causal inference reveal lactylation-based osteoblast regulatory networks and drug candidates. *iScience*, 29(3), 114926.

Xie X, et al. (2026) Bisphenol A Promotes Ovarian Cancer Proliferation and Migration through the HK2/H3K18la/IGF2BP3 Sequential Regulatory Axis. *Journal of agricultural and food chemistry*, 74(13), 11132.

Zou X, et al. (2026) PRC1 promotes MAFLD progression by regulating glycolysis/lactylation axis and forming a positive feedback loop. *The Journal of nutritional biochemistry*, 154, 110378.

Jiang Y, et al. (2026) Microbial phosphoketolase promotes histone lactylation to improve anti-TNF therapy efficacy in inflammatory bowel disease. *Cell metabolism*, 38(7), 1443.

Huang Y, et al. (2025) Excessive vigorous exercise impairs cognitive function through a muscle-derived mitochondrial pretender. *Cell metabolism*.

Chen Y, et al. (2025) GCLM lactylation mediated by ACAT2 promotes ferroptosis resistance in KRASG12D-mutant cancer. *Cell reports*, 44(6), 115774.

Yu F, et al. (2025) Protein lactylation of citrate synthase promotes the AKI-CKD transition by activating the NLRP3 inflammasome. *Cell reports*, 44(8), 116084.

Liu Y, et al. (2025) Tumor-associated Schwann cell remodeling under metabolic stress via lactate sensing orchestrates pancreatic ductal adenocarcinoma development. *Cell metabolism*, 37(9), 1907.

Zhou L, et al. (2025) Halting hepatocellular carcinoma: Identifying intercellular crosstalk in HBV-driven disease. *Cell reports*, 44(4), 115457.